



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of: Burrows *et al.*

Art Unit: 1644

#19/F  
go 19a  
6/4/13

Application No. 09/847,172

Filed: May 1, 2001

For: RECOMBINANT MHC MOLECULES USEFUL  
FOR MANIPULATION OF ANTIGEN-  
SPECIFIC T-CELLS

Examiner: Decloux, Amy M.

Date: May 21, 2003

MAIL STOP NON-FEE AMENDMENT  
COMMISSIONER FOR PATENTS  
PO BOX 1450  
ALEXANDRIA, VA 22313-1450CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on May 21, 2003 as First Class Mail in an envelope addressed to: MAIL STOP NON-FEE AMENDMENT, COMMISSIONER FOR PATENTS, PO BOX 1450, ALEXANDRIA, VA 22313-1450.

  
 Susan Alpert Siegel, Ph.D.  
 Agent for Applicant

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MAY 29 2003

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**AMENDMENT TO SPECIFICATION AND RESPONSE TO PAPER NO. 18**

This amendment is submitted in response to the Office Action, dated April 22, 2003, for which a one month period for reply has been set, making a response due on or before May 22, 2003. Please amend the application as follows:

**In the Specification:**

*Please replace the paragraph on page 7, lines 8-19 with the following paragraph:*

Fig. 1A shows the nucleotide (SEQ ID NO: 1) and corresponding amino acid (SEQ ID NO: 2) sequences of the prototypical  $\beta 1\alpha 1$  cassette without an antigen coding region. Unique NcoI, PstI, and XhoI restriction sites are in **bold**. The end of the  $\beta 1$  domain and start of the  $\alpha 1$  domain are indicated. Fig. 1B shows the nucleotide (SEQ ID NO: 3) and corresponding amino acid (SEQ ID NO: 4) sequences of an in-frame antigenic peptide/linker insertion sequence that can be incorporated into the expression cassette at the insertion site shown in Fig. 1A. This sequence includes the rat MBP-72-89 antigen, a flexible linker with an embedded thrombin

1644



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TRANSMITTAL LETTER

Enclosed is an Amendment to Specification and Response to Paper No. 18 for the above application. The fee has been calculated as shown below.

CLAIMS AS AMENDED					
For	No. after amendment	No. paid for previously	Present Extra	Rate	Fee
Total Claims	8	- 58*	=	\$18.00	\$ 0.00
Indep. Claims	0	10**	=	\$84.00	\$ 0.00
Mult. Dep. Claims Fee (if not previously paid)				\$280.00	
One-month Extension of Time				\$110.00	
Two-month Extension of Time				\$410.00	
Three-month Extension of Time				\$930.00	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

\* greater of twenty or number for which fee has been paid.

\*\* greater of three or number for which fee has been paid.

☒ No additional fee is required.

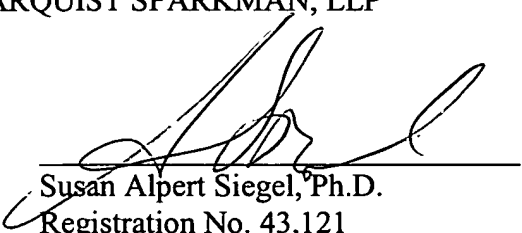
☒ Please charge any fees that may be required in connection with filing this amendment to Deposit Account No. 02-4550. A copy of this sheet is enclosed.

- ☒ A Marked-up Version of Amended Specification Pursuant to 37 C.F.R. §§ 1.121(b)-(c) is attached.
- ☒ Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By



Susan Alpert Siegel, Ph.D.  
Registration No. 43,121

One World Trade Center, Suite 1600  
121 S.W. Salmon Street  
Portland, Oregon 97204  
Telephone: (503) 226-7391  
Facsimile: (503) 228-9446  
cc: Docketing